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COUNTRY USSR

SUBJECT Production of the Volkhov Kirov Aluminum Works /
Bogoslovsk Affiliate

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Volkhov Aluminum Works

1. "The Volkhov Kirov Aluminum Works (Volkhovskii Aluminievyy Zavod imeni Kirova) in the Leningrad oblast produced in 1953 thirty thousand tons of 'technical aluminum' of the brands A 2, A 3 and A 4. Eighty per cent of the plant output is turned over to aviation and war industries; 20 per cent goes to the industries producing consumer goods.
2. "The plant produces the aluminum in the form of bars of the size 660 mm x 150 mm x 75 mm, weighing 11 kg each. Their chemical content is 99 per cent pure aluminum.
3. "The plant gets its raw material from its own clay works (glinno-zemnye tsekhi) or from the Tikhvin clay pits, which are situated south of the town of Volkhov. From the railway station of Bolshoi Dvor, a railway siding 20 km. long leads to Doksitogorsk, where the pits are situated.
4. "For extracting aluminum the plant uses the method 'ShPKh', a method of baking clay (pekanie glinozema) that has been developed by the Leningrad Institute of Applied Chemistry.
5. "During the last few years [prior 1954] the Volkhov Aluminum Works has not been enlarged or renewed. The quality of its raw materials has also deteriorated.

Bogoslovsk Aluminum Works

6. "In the northern Urals, at the town of Bogoslovsk, the Volkhov Aluminum Works has a sister plant, the Bogoslovsk Aluminum Works. This plant makes use of the experience and the specialists of the Volkhov plant. In 1952-1953 the Bogoslovsk plant was enlarged considerably. The quality of the raw materials at Bogoslovsk is very much better than at Volkhov and its supplies unlimited. Bogoslovsk is in a much more favorable strategic position than Volkhov."

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